

ABSTRACT OF THE DISCLOSURE

The optical scanning apparatus of light sources with different wavelengths relates to an optical scanning apparatus with a plurality of light sources of different wavelengths. All the light beams generated by the different light sources passing through a collimator lens, a
5 cylindrical lens, and a beam combiner to form a single or parallel beams. The single or parallel beams pass through a reflective lens, and then pass through one or more $f-\theta$ lenses installed on a rotating apparatus. Different arrangements of the reflective lens corresponding to the $f-\theta$ lenses achieve three different kinds of scanning: (1) light spots corresponding to different wavelengths scanning the same positions in order (2) light spots corresponding to
10 different wavelengths scanning different positions simultaneously (3) light spots corresponding to different wavelengths scanning the same positions simultaneously.

15

20